

Avalon only

Wyopteris Thel.

Isoetes

Sparagno-america,

Potam. polyg-

Apostis canina

Sieglia decumb-

Glycina fluit.

Puccinellia

Tarax. str.

Gaex Oederi

Juncus Gerardii

" *affusus*.

" " *v. decip.*

" *bulbosus*

Luzula spicata

Haben. macro-

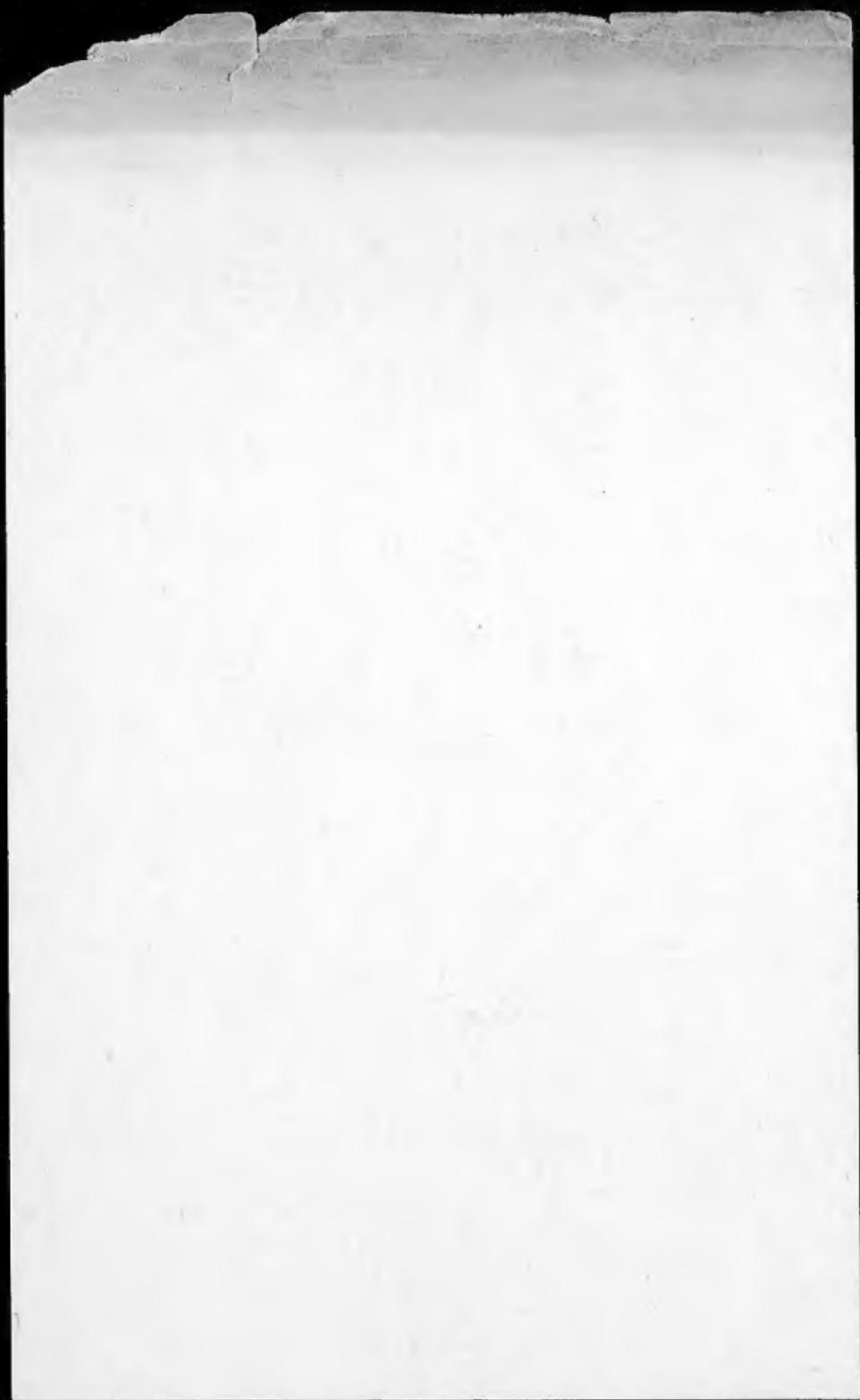
Polygon. saint

Stell. longifol.

Montia rivul-

Ranunc. Flam.

Patent. proc.



Spring Park
Aug 31, 1914

Dear Prof. Fernald,

what

a jewel you left me! I'm
going over your preres I
found that the ret of
Oxalis repens was still
amenable to fixing and I
unwarily ret'd to it. I have
spent a day on it and am

~~about half through~~

The trip to Amherst
was uneventful, except that
they tried to arrest me as a
German spy. I found about
ten species new to the islands:

Potamogeton epihydrus, and
what I take to be *Polygonum*,
Euphorbia helioscopia, *Pedicularis*
palustris?, *Habenaria pyrrodes*,
Odontites, *Gaultheria*,
Betula pendula? *Carex*

Hornbeam? *Cirsium*
muticum?

Of course I passed
by as ordinary some
things that we had not
had, *Scirpus validus* &
nanus, & a *Suaeda*. Later
on I made a special trip
to find this but did not
succeed.

On my return I stopped
off at Selfkirk for the Potamo-

but the fruits were just forming.
However, I have a farmer
pledged to mail me some
frutting tips in a month
or so. Perhaps he will do it.

I'm packing up I am going
on the theory that you put into
the press room everything
that you wished brought back.

Hoping you are comfortably
settled in a civilized place

I am yours sincerely,

Harold St John

Pap. NNNNNNNNNNNNNNNNNNNNNNN
+NNNNNNN = 65 north Pap-

Harris River 1 = 1
Bst Geo. NNN = 6

Cape Ray Point

(Notes from maiden of map to be taken in)

- Populus balsamifera*
Betula fœtida
" *microphylla*
Urtica Lyallii
~~*Rumex pallidus*~~
Polygonum Roberti
" *aciparum*
~~*Galium trichocarpum*~~
Salsola kali
~~*Eryngium canadense*~~
~~*Sophia rotunda*~~
Arenaria pepl. v. maxima
" *arctica*
" ~~*lutea*~~
" *ciliata*, v. *leucostoma*
Stellaria ciliolata
" ~~*humifusa*~~
" *longipes*, v. *laeta*
~~*Oenanthe aquatica*~~
" *alpinum*
" *blechnifolium*
~~*Lycopus alpinus*~~
~~*Silene acaulis*~~
Claytonia caroliniana
Ranunculus recurvatus
Thalictrum confine
Caltha palustris
Draba
Lesquerella auctior. v. Puschi
" *Praya*
Erythronium asperum
Socchiana anglica
Arabis alpina
Dioscorea linearis
~~*Sedum roseum*~~
Saxifraga aizoides
Parnassia parviflora
" *Katzebeui*
Ribes hirtellum, v. *saxosum*
Anemone (Tab.)
Pyrus melanocarpa
~~*Crataegus*~~
~~*Hedera helix*~~
Patentilla pensylvanica
" *nivis*
" *maculata*
Dryas integrifolia
" " *v. canescens*
Alchemilla —
Oxybaphus camp. v. caerulea
~~*Gaura lobatissima*~~
Callitricha aculeps
~~*Elatine americana*~~
Viola Sikkimensis
" *renifolia*
Epilobium alpinum
Myriopteris spicatum
" ~~*scutiger. v. pectinatum*~~
~~*Demotispa obtusa*~~
Comoselinum (sep.)

- Cornus can.* v. *intermedia* Anem. ~~Officinalis~~ (syn.)
Rhododendron lapponicum — petaloidea
Phyllodoce caerulea *Gnaphalium sylvaticum*
Cassiope hypnoides *Achillea Millefolium*
Migelia repens *Tanacetum hircinense*
Gaultheria baccata *Gentiana (Tab.)*
Vaccinium caespitosum *Bals. v. form-*
" *ovalifolium* *Pseud-Artemisia*
Statice — *Cirs. nut. monte*
Primula farinosa, v. *macul.* *Taraxacum cerasopif.*
Gaura parviflora
Gentiana Amarella, v. *aculeata*
Hypoxis scopulorum
Scrophularia nodosa
Primulus moschatum
Veronica americana
" *humifusa*
Euphorbia Oakesii
" *var. Williamson*
" *var. (Tab. M)*
" *disjuncta*
" *Randii*
" *Jada*
Galium kamtschaticum
Vallioria cyathiflora
Campanula rot. v. alask.
Sabicea Kalim
Solidago multiradiata
Antennaria Eulcosma
" *alpina v. cana*

- Tobresia caricina* *Juncus Dulcleyi*
Carex homothalma, *inclusa* " *subtilis*
 " *silicea* " *modocae*
 " *Deweyana* " *affinis*
 " *glauca*, v. *acutiflora* " *triglumis*
 " *halophila* " *longistylis*
 " *serratifolia* *Luzula parviflora*
 " *salpinerioides* " " *melanocephala*
 " *diantha*
 " *maritima*
 " *salina*, v. *Ka Hepatusis*
 " *stylosa*
 " *aurea*
 " *bicolor*
 " *atratula*, v. *sootata*
 " *misandrea*
 " *rareflora*
 " *hadelliana*, v. *maxima*
 " *lutea*
 " *pedunculata*
 " *repens*
 " *pedata*
 " *flava* & *elatior*
 " " v. *gasperina*
 " *Odeon*, v. *tumidula*
 " *Hornschuchiana*, var.
 " *capillaris*
Calla palustris
Juncus biflorus, v. *halophilus*
 " *temperatus*
 " *fruksis*, v. *anthelatum*
- Tojiedia palustris*
Zygadenus chloranthus
Allium Schoenoprasoides, v. *sib*
Smilacina stellata
maianthemoides
Streptopus roseus
giganteus
Cypripedium fawcettii
lindleyanum
 " *hirsutum*
Habenaria orbiculata
Epiptaxis cyprioth.
Micostyris monophylla
Salix glaucoptyla
 " *pseudomyrsinifolia*
 " *Baccharis*
 " *calcicola*
 " *candida*
 " *cordifolia*
 " *arctica*
 " *n.ssp (cap)*
 " *vestita*
 " *reticulata*
 " *llua-rosa*

Sheet of Long Range not east

Pheoptilis Robert.

Adiantum pedatum

Cryptogramma Stelleri

Asplenium viride

Polystichum Lonchitis

" Braunii

Dryopteris Filix-mas

Cystopteris bulbifera

Anoectochila glabella

Batrychium Lunaria

Equisetum palustre

" variegatum

" scirpoideus

Typha latifolia

Sphaerium simplex

" minimum

Potamogeton Friesii

" pusillus

" filiformis

" perfoliatum

Zannichellia palustris

Ruppia maritima

Utricularia flexilis

Heterochlaena odorata

Milium effusum

Phalaris canariensis

Oxyopesis aspera

Calamagrostis Longsd.

" reflexa

Arenaria arenaria

Sphagnum polystachyon

Fuscopteris heterophylla

Geum urbanum

" " Wibbeliana

Dactylis intermedia

Spartina Michauxiana

" glauca v. altissima

" patens

Catabrosa aquatica

Poa eminens

Glycine grandis

" pallida v. Friesii

Festuca scabrella

Hordeum baeale

" gibbosum

Elymus virginicus

" arenarius

Scirpus nanus

" formosus

" pulifer

" americanus

" validus

" occidentalis

" floridanus

- P. glauca. Ca!, acid & sweet.
P. glottis. Blk., sweet & spic.
S. glauca. Blk. " "
P. Robert, Ca!
Ad. ped. dent. Mif!
Pteris Blk. spic. Ca & spic. (Acid?)
Crypt. Stel. Ca!
B. pinn. Cr. Ca!
B. filix-fem. Blk.
Crypt. panic. Ca!
P. Blue-gill Ca and sweet.
D. ovalif. Thel. ?
? Sweet. Noncalo. Seed?
D. scutellata (or not esp.)!
D. trilobata, Ca and sweet.
D. crist. Noncalo.
D. spin. Black, ~~sweet & spic.~~
P. glauca. Ca!
C. fragil. Ca and sweet.
Moss, bl. Ca and ?
M. ciliata. Ca.
M. glauca. Ca.
Oreocnideus. Sweet?
O. Smith. Ca and sweet
S. glauca. Acid?
Gomandula noncalo.
O. ac. punica. Blk.?
O. gl. sp. Noncalo.
O. cinnam. Slightly sweet & acid.
B. French Gun Ca!
B. simplex ?
B. ten. v. gutt. Noncalo.
B. virgin. Ca!

Calcareous
ditches

Calc. community
Polyph. mfg.

Calc. rarely

Equisetum ar. ubiq except Sphag. Ca!

E. syl. " " " Ca!

E. pal. Ca except.

E. pinn. noncalc.

E. hyssopif. aff. ?

E. varieg. Ca!

E. scirp. Ca?

Glycoph. lepto. ubiq.

" " platyn. Ca.

L. lepid. Sweet?

L. " " " " "

L. rigid. Acid?

" " " " Rufel. Acid.

L. acuminat. ubiq, except extra C. & M.

L. acuminat. ubiq, except extra C. & M.

L. acuminat. noncalc, & calcif. acids

L. clav. noncalc, & calcif. acids

L. clav. except noncalc, don't calc.

L. obscurum. acid?

L. sitchensis. acid & M.

L. palin. acid?

L. cornuta. acid & M.

L. fist. acid.

Selaginella var. ubiq?

Taxus canad. Sweet, or Ca-

Pinus strobus noncalc.

P. strobus. acid.

Juncus communis. ubiq.

" Hordeum ubiq.

Tephritis sat. ?

Magn. strictly -

Mayr & Co -

Reg'd Rec'd,

Spir. am. Non calc., non Mg.

" diversif. Non calc., Non Mg.

S. angust. Mg.

S. minor. ?

S. hyperb. acid?

Sabicea rotundata. ?

" Obov. acid.

" polygon. " ?

" lepto. " Obov.

" acumin. Sweet.

" cincta (M.) fibra.

" gracilis. "

P. bispinosa - Na.

P. Jussiaeana

P. pruinosa. ?

P. confert. Acid.

P. dimorph. "

P. glauca Ca, Mg.

P. hastata Na.

P. paniculata Na.

P. peltata Na.

P. rotunda Na.

Tajas flex - ?

Trigl. pal. Ca, Mg.

T. marit. Na, Ca, Mg. Acid?

Scheuchz. Acid + Mg.

Sapitt. grisea.

75 miles from town. 1000 ft.
Pine cone. 1000 ft.
P. moniliferus
" (1000 ft.)
N. cuneata -

Common Fl. of Can. & N. Amer.

Adiantum ped.

Polygonatum

Nigella, maym.

Botrychium lanceolatum

Equisetum prat.

Picea subra

Thymus occid.

" " " " " "

" " " " " "

" " " " " "

Panicum sp. v.

Alopecurus sp. v.

Eleocharis sp. v.

" intrudens

Scirpus camp. palud.

Gladim mariae.

Carex torla

" stricta

" altissima

" communis

" lyngbyana

" canescens

" retroosa

Anisaema triphyllum

Veranus Calamus

Luzula gallica

Vesattia viri-

gineoides pallens

Trillium erectum

" undulatum

K. Desca. vif.

Ochis catenulifolia

Dactylaria Horkelii

" trifolata trifolia

Corallorrhiza striata

" trifolia

Salinella

" liliacea

Populus grandidentata

Betula pendula

" populifolia

Prunus americana

Bonarda Richardsiana

Atriplex pat. litt.

Batis

" maritima

Sparganium erectum

Lympodium microphyllum

Ranunc. Septentr.

Anemone riparia

" canad.

Cannistris purpurea

" " " "

Hedera diffracta

Acetosella glabra

" brevipes

" divaricata

Tilaea aquatica

Saxifaga Virginica

Chrysosplenium

Parnassia caroliniana

Spiraea Tomentosa

Amelanchier alnifolia

Fragaria moschata

Geum virginianum

" strictum

Fragaria Virginiana

" blanda

- Fragaria ananassa* *Mitchella repens*
Astragalus falcatus *Eupatorium can.*
Oxalis acetosella *Plantago triopoda*
" cornicula
Polygonum perfoliatum *Mitchella*
Rhus typhina *Gomphocarpus canad.*
" *Toxicodendron* " oblong.
Acer pensylvanicum " involucr.
" *Lacistema*
Hippocratea multiflora *Symporicarpus rotundifolius*
" *multijuga* *Sambucus canad.*
Hedysarum occidentale *Valeriana officinalis*
Lechea setiformis *Lobelia inflata*
Vitis scabioscula *Eupatorium perfoliatum*
Spiraea mollis " *verticillatum*
Thlaspi alpestre *Dicentra* " *caucasica*
" *divaricatum* *Catolpus*
Comandra umbellata " *bicolor*
Chimaphila umbellata " *pulchellum*
Gaultheria procumbens " *prinoides*
Vaccinium caeruleum " *menziesii*
Lycopodium Thysifolium " *senturia*
Cuscuta europaea
Cyperus glaucus *Aster macrocephalus*
" *foliolifolius*
" *laevigatus*
" *Danicus*
" *gracilis*
" *stroblii*

Aster dumosus

Eupatorium pilosum

" *acut. var.*

" *accidentalis*

Gnaphalium pulyc

" *decid.*

Hedera helix

" *climac.*

Arnica mollis

Festuca nigra

Succowia discolorans

" *Rotttmannii*

Tactica canad

" *hirsuta*

Prenanthes altro

Nicotiana sylvestris

57	13	134	15.
144	33	64	8
104	27	77	14
38	12	143	36
<u>337</u>	<u>85</u>	<u>141</u>	<u>31</u>
<u>5588</u>	<u>1278</u>	<u>258</u>	<u>38</u>
<u>5925</u>	<u>1363</u>	<u>817</u>	<u>145</u>
163	35	8225	1877
75	21	9042	2044
101	9	62	23
126	31	105	15
117	27	73	15
195	<u>32</u>	9282	2097
181	37	63	23
217	45	152	55
141	37	155	45
<u>7241</u>	<u>1637</u>	<u>9652</u>	<u>2210</u>
123	33	176	56
152	26	120	11
148	21	9948	<u>2277</u>
133	17	103	19
106	19	97	12
<u>7903</u>	<u>1853</u>	78	11
151	21	49	10
85	13	<u>10275</u>	<u>2329</u>
<u>8225</u>	<u>1899</u>	(over)	

10275	2359
89	10
72	13
71	9
47	13
10554	2374

760 species

East of Long Range, not West, Except
in Sandstone areas or Silicious summits
or bogs -

Athyrium monborac.

Schizaea pusilla

Lycopodium mitch.

" *sitchensis*

" *complanatum*

" " *v. flabell.*

Pines Stobs

Sparmannia hypoleuca

Potamoget. Oates

" *Cupularia*

Zapoteca granulata

Panicum boreale

Stipa canad.

Sporobolus crypt.

Scirpus subtilis

Enophorum Cham

" *callitrich*

" " *v. Eru*

Rynchospaa fusa

" *alba*

Collected to July 23, 1971

295	45	122	23
130	18	171	25
160	24	117	30
126	21	175	31
209	46	81	13
129	22	101	18
80	14	88	13
184	31		
74	15		
120	22	83.0	183
122	33		
131	30	4.3	18
77	26	72	12
171	68	61	15
118	41	72	15
143	45	117	24
142	43	36	5
150	43	75	8
79	23	36	12
119	31	142	19
98	30	83	16
87	44	90	23
69	25	139	29
83	30	38	6
150	30		
229	60		
89	18		
3562	878	109	24
830	153	83	21
4392	1031		
1196	247	1196	247
5588	1278		

Practically everywhere

<i>Sheopt connec.</i>	<i>Afrap. repens</i>	<i>Erioc. sept.</i>
<i>Oteris aquilina</i>	<i>Cleoch. pal.</i>	<i>Juncus Gopf.</i>
<i>Asplenium Fr.</i>	<i>Scirpus caesp.</i>	" <i>trunc</i>
<i>Drypt. opn & sil.</i>	" <i>hudz.</i>	" <i>eff. & comp.</i>
<i>Onclea sensib.</i>	" <i>rubrot</i>	" <i>filif</i>
<i>Osmunda cinn.</i>	" <i>atric</i>	" <i>Tweedyi</i>
<i>Equiset. arv.</i>	<i>Erioph. thunb.</i>	" <i>canad</i>
" <i>sylvat.</i>	" <i>angust</i>	" <i>pelloc.</i>
<i>Lycopod. ammat.</i>	" <i>vir-car.</i>	" <i>atric.</i>
" <i>clar.</i>	" <i>circ.</i>	<i>Luzula cap. f. sp.</i>
<i>Selaginella selag.</i>	<i>Rynch. alba</i>	<i>Gentiana</i> L.
<i>Tarax. can.</i>	<i>Carex Crawford</i>	<i>Smilac. trif-</i>
<i>Pinus Strob.</i>	" <i>exiles</i>	<i>Mariahit. can</i>
<i>Larix laric.</i>	" <i>stellul</i>	<i>Strept. amplif.</i>
<i>Picea cana.</i>	" <i>caulesc.</i>	<i>Iris versicolor</i>
<i>Abies bals.</i>	" <i>trisp</i>	<i>Haben. dol</i>
<i>Junip. com mont.</i>	" <i>thunell</i>	" <i>clar.</i>
<i>Spat. angust.</i>	" <i>stip.</i>	<i>Spiraea Romana</i>
<i>Polygon. sp. hybr.</i>	" <i>Crin. Gym.</i>	<i>Listeria Cook</i>
<i>Anthoxanth. ad.</i>	" <i>lept.</i>	" <i>rostr</i>
<i>Phleum pratense</i>	" <i>polyg.</i>	" <i>cocca</i>
<i>Apostis alba</i>	" <i>livida</i>	<i>Myrica Gale</i>
<i>Calam. Pick.</i>	" <i>deb. rug</i>	<i>Comandra divaricata</i>
<i>Cimic latif.</i>	" <i>oligosp.</i>	<i>Polyg. avic.</i>
<i>Dicot. flex.</i>	" <i>Mitcham</i>	" <i>Hydrops.</i>
<i>Danth. spic.</i>	" <i>sax. mil</i>	" <i>Platyc.</i>
<i>Poa annua</i>	" <i>vesic.</i>	
<i>Glycine can.</i>		
<i>Festuca rubra</i>		
<i>Bromus ciliatus</i>		

<i>Chenop. alb.</i>	<i>Sanguis. can.</i>	<i>Potentilla bar</i>
<i>Lagonia proc.</i>	<i>Rosa nit.</i>	<i>Menyanthes trif</i>
<i>Stel. fram.</i>	<i>Trifol. prat.</i>	<i>Succell. gal.</i>
" <i>medea</i>	" <i>rep.</i>	<i>Rycap. simp.</i>
<i>Cerast. vulg.</i>	" <i>hybr.</i>	<i>Chelone glabra</i>
<i>Agrostis ad. var.</i>	<i>Vicia Crac.</i>	<i>Veronica Scott.</i>
<i>Plan. H. Nft.</i>	<i>Armenopoda</i>	<i>Utric. vulg. am.</i>
" <i>alpina</i>	<i>Acer spic.</i>	" <i>intern.</i>
" <i>aceia</i>	" <i>rubr.</i>	" <i>corn.</i>
<i>Thal. polyp.</i>	<i>Viola cuc.</i>	<i>Plantago major</i>
<i>Coptis tif</i>	" <i>pallens</i>	<i>Galium pal.</i>
<i>Actaea subt</i>	" <i>meas.</i>	" <i>Cl. subtilis</i>
<i>Capsella</i>	" <i>labi.</i>	" <i>taff.</i>
<i>Erysimum ab.</i>	<i>Epil. auf</i>	<i>Limnaea bar. am.</i>
<i>Card. pem.</i>	" <i>pat.</i>	<i>Giliastrum panic.</i>
<i>Saxac. pup.</i>	" <i>aden.</i>	" <i>car.</i>
<i>Diosca. rotat.</i>	<i>Birc. alop.</i>	<i>Sambucus racemosa</i>
" <i>long.</i>	<i>Acacia nut.</i>	<i>Camp. rotund.</i>
<i>Ribes hirtellum</i>	<i>Convolv. can.</i>	<i>Lithos. Dart.</i>
" <i>fruct.</i>	<i>Bornus can.</i>	<i>Solidago macrophy</i>
<i>Pyrus amer.</i>	" <i>strob.</i>	" <i>migra. v. Vill.</i>
" <i>sitch.</i>	<i>Monocots</i>	<i>Aster nemor.</i>
<i>Anem. oliv.</i>	<i>Pyrola. Sc.</i>	<i>Anaphalis occ.</i>
<i>Frag. virg. t-a.</i>	<i>Monot. un.</i>	<i>Achillea Mill.</i>
<i>Potent. monsp.</i>	<i>Ledum groen</i>	<i>Ostrya. dec. pin.</i>
" <i>fist.</i>	<i>Rhos. can.</i>	<i>Senecio vulp.</i>
" <i>trid.</i>	<i>Kalmia auf.</i>	<i>Cirsium nutt.</i>
<i>Geum rivale</i>	" <i>polyp.</i>	" <i>arg.</i>
<i>Rubus id. can.</i>	<i>Chamaed.</i>	<i>Glout. ant.</i>
" <i>Cham.</i>	<i>Chiogaea</i>	<i>Tarax. offic</i>
" <i>pubesc.</i>	<i>Vacc. plan.</i>	
	" <i>V. J. mi.</i>	
	" <i>Oryct.</i>	